

OU# 08-002

Phoenix-Goodyear Airport Area/Western Avenue Plume Community Advisory Group Meeting

Thursday, May 3, 2007 at 6:30 p.m.
Goodyear City Hall, Room 117
190 N. Litchfield Road
Goodyear, Arizona

DRAFT MINUTES

CAG members present: Diane Krone; Thomas Jones; Bob Smith; and Brenda Holland

Members absent: Sheri Michele Lauritano and Susan Kagan

ADEQ Staff in attendance: Joey Pace, Western Ave WQARF Project Manager/ Hydrologist, Cathy O'Connell, PGA-North Project Manager; Brian Stonebrink, PGA-South Project Manager; and Linda Mariner, Community Involvement Coordinator;

EPA Staff in attendance: Mary Aycock, Remedial Project Manager; and Jose Garcia, Community Involvement Coordinator

Members of the public present:

Robert A. Mongrain, ARCADIS

Kevin Murdock, CH2M Hill

Todd Struttman, LATA

Tom Suriano, Clear Creek Associates

Frank Scott, City of Avondale

David Iwanski, City of Goodyear

Phillip Fargotstein

Darryl Henning, Just Business Magazine

Marilyn DeRosa, City of Avondale

Steve Smith, Smith Consulting

The following matters were presented at the meeting.

1. Call to Order / Introductions

Ms. Diane Krone, CAG Co-chair, welcomed everyone and facilitated the meeting. CAG members and all meeting attendees introduced themselves.

2. Western Avenue WQARF Site Update – Joey Pace, ADEQ

Ms. Pace presented a slide show on the current site status. Currently there is an active remediation system at the PGA-South Superfund Site that is pumping and treating groundwater from the aquifer where PCE contamination has been identified at the Western Avenue Site. Groundwater transport processes from the Western Avenue Site carry PCE westward to the PGA-South Superfund Site. A review of the groundwater contours of the PGA-South Superfund plume indicate that the PCE has been captured by the upper aquifer treatment system. This process is still ongoing. Since 1997, continuing trends at the Western Avenue Site indicate the PCE impacted groundwater has been transported to the PGA-South Superfund Site where the plume is being remediated. Ms. Pace then showed slides of an aerial view of the well locations

for the site, the March 2007 list of current PCE concentrations in each well, and another aerial map of each well and its concentration.

Ms. Pace continued her presentation by stating that ADEQ issued the draft Remedial Investigation (RI) Report for public comment on June 23, 2006. A copy of the draft RI Report was made available to the public at the Avondale Public Library in the Reference Section and at the ADEQ Records Management Center. The comment period ended on July 31, 2006. The only written comment received was from the City of Goodyear. As required by statute, that comment will be addressed in a responsiveness summary that will be included in the final RI Report. ADEQ plans on issuing the RI Report sometime in 2007.

Ms. Pace concluded by stating future plans for the site include eventual delisting by ADEQ with continued sampling periodically by ADEQ for any future contamination.

Ms. Krone asked whether they knew when the site would be delisted. Ms. Pace said that ADEQ was studying the statutes to make sure that administratively the statutes are fulfilled when remediation is not necessary to complete the process. Ms. Krone asked if it was an economic issue because she recognized that other sites would need the money required to finish the process administratively. Ms. Pace replied that it was not a matter of money, but of what criteria would be approved by management.

3. PGA-North Site Field Activities Update – Robert Mongrain, ARCADIS

Mr. Mongrain, a technical consultant working with Crane Co., gave an update on the operation of the two treatment systems on site. The main treatment system on the southwest corner of the Unidynamics facility building consists of four extraction wells that pump up to 300 gallons per minute (GPM) and has been operating since 1994. For the first quarter of 2007, it has extracted 26 million gallons of water or the equivalent of 40 Olympic-sized swimming pools from the ground.

Mr. Mongrain explained that the Well 33A treatment system has one extraction well that pumps up to 800 GPM and has been in operation since 1998. In the first quarter 2007, this system has pumped out 63 million gallons of groundwater, which is about the amount of 95 Olympic-sized swimming pools. Together, the treatment systems have removed about 151 pounds of TCE and 3.3 pounds of perchlorate for that quarter.

In addition to the treatment systems, Mr. Mongrain stated that there is also a soil vapor extraction (SVE) system operating on the site that is used to remove vaporized contaminants from the soil. It was installed in 1996 and restarted in April 2004 after the treatment technology was updated. Since the April 2004 restart, it has removed a total of 1,126 pounds of TCE and 1,823 total pounds of VOCs. As part of the ongoing groundwater investigation, 14 new monitor wells have been installed and eleven additional wells are planned for the next few years. Two new extraction wells have also been proposed for approval by EPA by Crane Co. to address plume expansion. The possible abandonment of conduit wells is another way that Crane Co. is actively investigating the site as well as on-site sampling of source areas, soils and facility structures for more contamination. An evaluation of proven technologies for on-site treatment of contaminants is currently underway.

Mr. Bob Smith asked about whether pools of the aquifer could be contained in rock, and Mr. Mongrain explained that the aquifer is in unconsolidated soil only. Mr. Smith then asked if the pumping of the extraction wells pulls all the groundwater in the direction of the wells. Mr. Mongrain agreed that it would tend to pull the groundwater in that direction but the plume has

spread over time, and the extraction wells were installed to contain the plume and prevent it from spreading any further. Mr. Smith's other question was in reference to the perchlorate in the lake, and he was wondering if there were some other sources for the perchlorate. Ms. Aycock remarked that the perchlorate is so low in concentration that it is not clear what the source might be. It could be a natural occurrence in our arid environment to find it at such low concentrations. It could be related to the regular fireworks show held at the lake. So far it cannot be tied to the Unidynamics Facility.

Mr. Jones asked about the data available on downtime for extraction wells. Mr. Mongrain stated that occasionally there are power failures or surges that shut down the systems, but usually they are pumping continuously.

4. PGA-South Site Update – Brian Stonebrink, ADEQ

Mr. Stonebrink began his presentation by outlining current projects at the site including: hydrophysical testing of Well GAC #4, connection of back-up production well (E-101) to replace Well GAC #4 for the Goodyear Industrial Park, further delineation of Subunit C northern plume with two new step-out wells to the north of the plume and one downgradient well to the west-northwest, continuing sampling of metals in groundwater, EPA evaluation of the feasibility to conduct a Soil Gas Building Survey, and meetings with property owners to discuss building survey findings and a deed notice for the former chrome beds.

At Subunit A, the Air Stripper has removed 5,128 pounds of TCE through the end of 2006. In Subunit C, the granular activated carbon unit removed 170 pounds of TCE to date. Mr. Stonebrink showed slides of the TCE plume at the Subunit C site, concentration levels for the 3rd Quarter and chromium levels.

Ms. Holland asked if the size of the equipment on the site was typical. Mr. Stonebrink explained that air strippers are typically much larger than other cleanup systems. Ms. Aycock suggested that another site tour might be good to schedule to show CAG members what equipment is used at the sites.

5. City of Goodyear Report – David Iwanski, Water Resources Manager

Mr. Iwanski updated the plans for the installation of extraction wells for the city. He also passed out a few maps showing the location of wells and distribution lines. Currently, treated water is designed to be reinjected into the aquifer with an option for irrigation in the future.

Mr. Iwanski announced that the dispute over wastewater discharges from 2003 has been resolved. He also announced that an agreement is expected any day with the EPA on City's Brownfields Project with funding provided by Crane Co., under the consent decree. On March 26, 2007 the mayor and council approved the Citizens' Advisory Committee for the Brownfields Project. The committee will meet as soon as the EPA agreement is finalized. Mr. Iwanski assured the CAG members that they will be invited to all the Brownfields Citizens' Advisory Committee meetings.

Mr. Iwanski announced that Mayor Cavanaugh met that afternoon with the project managers for the PGA site. After the meeting, Mayor Cavanaugh said that the citizens and city council members had a right to know about activities at the Superfund Sites. His suggested vehicle to inform the citizens of Goodyear was the Goodyear Focus that is mailed to every resident in Goodyear.

6. Call to the Public

None

The CAG took a 10-minute break.

7. Acceptance and/or Changes to Minutes for February 8, 2007 CAG Meeting

Ms. Krone asked if anyone had any changes to the minutes. Several corrections and edits were made. Mr. Jones made a motion to accept the corrected minutes, and Ms. Holland seconded the motion. The motion passed unanimously.

8. New Co-Chair Nominations and Voting

Mr. Jones nominated Mr. Smith and Ms. Krone nominated Ms. Holland to serve as CAG Co - Chairs. Both nominees had to decline due to other commitments. Therefore, Ms. Holland made a motion to vote for both Ms. Krone and Mr. Jones serve as Co-Chairs again for the coming year. Mr. Smith seconded the motion, and the CAG voted unanimously to retain the current co-chairs for another year.

9. CAG Membership Recruiting

No new CAG applications were received to vote on, but applications were distributed to several public members who attended the meeting.

Since no official resignation was received from Dr. Fred Scott, a motion was made by Ms. Krone to terminate his membership per the stipulation in the CAG charter to allow for dismissal of members who miss three unexcused consecutive CAG meetings. Ms. Holland seconded the motion, and the vote was unanimous for that action.

10. Discussion and Voting on Revisions to CAG Charter

Ms. Mariner asked if all the CAG members received the revised CAG charter to review with suggested changes to allow for flexibility in membership. The CAG discussed the following revisions: 1) a change to the month of new co-chair nominations from April to May; 2) a change in the minimum number of CAG members from nine members required to read: "The CAG shall . . . have no more than 15 members with a quorum being a majority of existing members at the time of the meeting"; and 3) an additional phrase about when the CAG will meet during the year to state specifically in May, August, November, and February. It was decided that the repository will remain at the Avondale Public Library. Mr. Jones made a motion to accept all the changes discussed that were highlighted in the charter. Ms. Holland seconded the motion. The motion passed unanimously. Charter signing will take place at the next meeting.

11. Next Meeting Date and Agenda Discussion

The CAG already set the next meeting to be August 2, 2007. A site visit was suggested to be scheduled in the fall. Agenda topics discussed were: CAG membership and possible voting, PGA-North and South activities update, and scheduling site visit.

12. Adjournment

Mr. Smith motioned to adjourn the meeting, and Ms. Holland seconded the motion. The CAG voted to adjourn at 8:50 p.m.